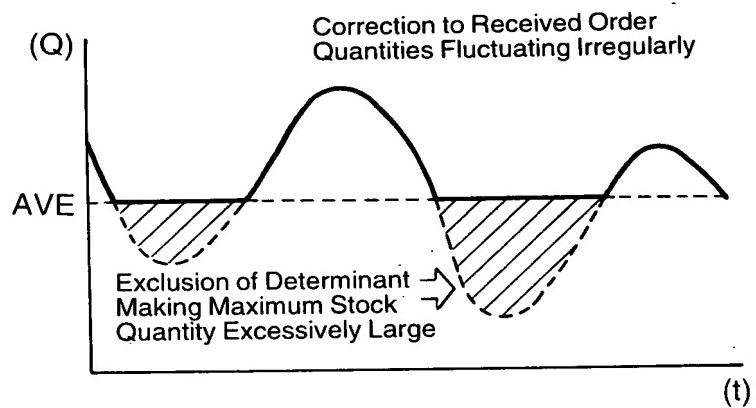
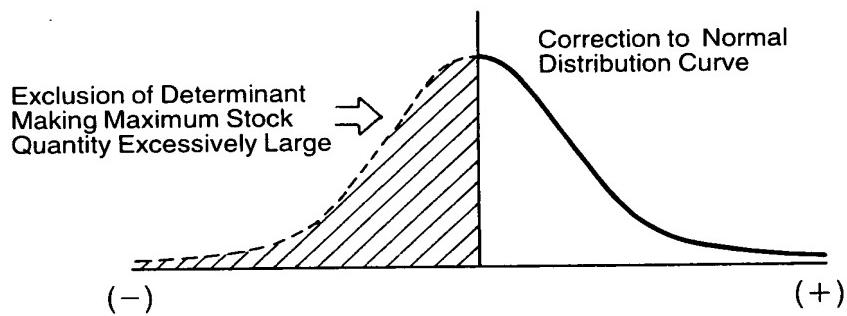


# FIG. 1



# FIG. 2



**F I G. 3**

	Actual Received Order Quantity				
	January	February	March	April	May
1. Body Part	25	25	20	10	10
2. Body Part	10	5	10	0	60
3. Consumable	800	500	0	200	0
4. Consumable (Rubbers)	6000	0	4500	6000	0
5. Consumable (Rubbers)	100	0	0	0	80
6. Consumable (Filter)	100	0	10	0	0
7. Consumable (Filter)	1800	0	1800	0	0
8. Consumable (Filter)	1000	900	0	0	1500
9. Brake Part	600	0	0	450	0
10. Brake Part	0	0	180	0	0

## FIG. 4

	Average	$\sigma$	Safety Stock Quantity $\sigma \times a$	Factor : a	Maximum Stock Quantity	Rounded-Up
1. Body Part	20.00	5.00	9.80	1.96	29.80	30.00
2. Body Part	7.20	1.77	3.46	1.96	10.66	11.00
3. Consumable	475.00	162.98	319.44	1.96	794.44	795.00
4. Consumable (Rubbers)	4875.00	795.49	1559.16	1.96	6434.16	6435.00
5. Consumable (Rubbers)	80.00	11.54	22.61	1.96	102.61	103.00
6. Consumable (Filter)	70.00	24.49	48.00	1.96	118.00	118.00
7. Consumable (Filter)	1300.00	408.24	800.15	1.96	2100.15	2101.00
8. Consumable (Filter)	1133.33	211.69	414.91	1.96	1548.24	1549.00
9. Brake Part	525.00	53.03	103.93	1.96	628.93	629.00
10. Brake Part	180.00	0.00	0.00	1.96	180.00	180.00

# FIG. 5

	Average	$\lambda$	Safety Stock Quantity $\sigma \times a$	Factor : a	Maximum Stock Quantity	Rounded-Up
1. Body Part	20.00	8.36	16.38	1.96	36.38	37.00
2. Body Part	6.00	3.74	7.33	1.96	13.33	14.00
3. Consumable	316.66	312.51	612.51	1.96	929.17	930.00
4. Consumable (Rubbers)	3250.00	2752.27	5394.44	1.96	8644.44	8645.00
5. Consumable (Rubbers)	40.00	45.60	89.37	1.96	129.37	130.00
6. Consumable (Filter)	35.00	50.49	98.96	1.96	133.96	134.00
7. Consumable (Filter)	650.00	898.33	1760.72	1.96	2410.72	2411.00
8. Consumable (Filter)	566.66	653.19	1280.25	1.96	1846.91	1847.00
9. Brake Part	175.00	275.22	539.43	1.96	714.43	715.00
10. Brake Part	30.00	73.48	144.02	1.96	174.02	175.00